IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

wherein said mineral wool product is acoustically transparent; and

wherein said foamed coating includes open pores after being subjected to a drying process, the open pores of the foamed coating partly ~~in communication~~ communicated with pores of the glass fiber mat and the pores of the mineral wool body.

2. (Previously presented) The mineral wool product according to claim 1, wherein said product is obtained by a process comprising:

applying a foamed coating mass on a mineral wool body laminated with a glass fibrous web and

subsequent drying, wherein the coating mass comprises the following composition:

20-40% (wt.) silica sol (40% (wt.) solid content SiO_2)

10-25% (wt.) plastic dispersion

1-5% (wt.) aluminum hydroxide

0.5-2% (wt.) foaming agent

0.05-1% (wt.) foam stabilizer

balance: water, and

optionally flameproofing agent and/or further additions.

3. (Previously presented) The mineral wool product according to claim 1, wherein said glass fibrous web (3) is a glass wool mat.

4. (Previously presented) The mineral wool product according to claim 1, wherein said foamed coating (2) is at least one of electrically conductive and magnetically active.

5. (Previously presented) The mineral wool product according to claim 4, wherein said foamed coating further contains:

at least one of electrically conductive and magnetically attenuating substances.

6. (Cancelled)

7. (Previously presented) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1)

wherein said mineral wool product is acoustically transparent;

wherein the weight per surface unit of said glass fibrous web (3) is 20 to 150 g/m²; and

wherein the weight per surface unit of said foam coating is 100 to 500 g/m².

8. (Withdrawn) A process for producing a mineral wool composite product, said composite material comprising:

a mineral wool body having first and second sides;

a fiber mat (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said fiber mat (3);

such that said fiber mat (3) is provided between said coating (2) and said mineral wool body (1);

said process comprising:

applying a foamed coating (2) on the basis of a siliceous organic binder on a fiber mat lamination (3) of a mineral wool product, and

bursting the foam bubbles through drying under infrared heating wherein said mineral wool product is acoustically transparent.

9. (Withdrawn) The process according to claim 8, wherein an application quantity of 100 g/m² to 500 g/m² of foamed coating mass is used.

10. (Withdrawn) The process according to claim 8, wherein a foam weight per litre of 100 g/l to 400 g/l is used.

11. (Withdrawn) The process according to claim 8, wherein said layer (2) is dried in a tunnel furnace.

12. (Withdrawn) The process according to claim 8, wherein a coating mass having the following composition is used:

20-40% (wt.) silica sol (40% (wt.) solid content SiO_2)
10-25% (wt.) plastic dispersion
1-5% (wt.) aluminum hydroxide
0.5-2% (wt.) foaming agent
0.05-1% (wt.) foam stabilizer
balance: water, and
optionally flameproofing agent and/or further additions.

13. (Withdrawn) A coating mass for the production of a mineral wood product having the following composition:

20-40% (wt.) silica sol (40% (wt.) solid content SiO_2)
1-5% (wt.) aluminum hydroxide
0.5-2% (wt.) foaming agent
0.05-1% (wt.) foam stabiliser
balance: water, and
optionally flameproofing agent and/or further additions,
wherein said coating mass comprises 10-25% (wt.) plastic dispersion
wherein said mineral wool product is acoustically transparent.

14. (Previously presented) The mineral wool product according to claim 5, wherein said electrically conductive and/or magnetically

attenuating substances are selected from the group consisting of powdered carbon, carbon fibers, graphite, in particular expanded graphite, mu-metal, chromium dioxide, metal whisker, carbonyl iron.

15. (Currently amended) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

wherein said mineral wool product is acoustically transparent; and

~~The mineral wool product according to claim 1,~~ wherein said foam layer forming agents are selected from the group consisting of expanded graphite and pentaerythritol.

16. (Previously presented) The mineral wool product according to claim 7, wherein the weight per surface unit of said glass fibrous web (3) is 40 to 80 g/m².

17. (Previously presented) The mineral wool product according to claim 7, wherein the weight per surface unit of said glass fibrous web (3) is approx. 60 g/m².

18. (Withdrawn) The process according to claim 8, wherein an application quantity of approx. 300 g/m² of foamed coating mass is used.

19. (Withdrawn) The process according to claim 8, wherein a foam weight per litre of approx. 250 g/l is used.

20. (Withdrawn) The process according to claim 8, wherein said layer (2) is dried in a tunnel furnace at a temperature of approx. 260°C.

21. (Previously presented) The wool product according to claim 1 wherein the mineral wool product is a ceiling panel.

22. (Previously presented) The mineral wool product according to claim 1 wherein the foamed coating (2) is applied on the glass fibrous web by bursting the foam bubbles through drying.

23. (Currently amended) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

wherein said mineral wool product is acoustically transparent; and

~~The mineral wool product according to claim 1~~ wherein the foamed coating is between a quantity of ~~100~~ 300 g/m² to 500 g/m².

24. (Currently amended) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

~~The mineral wool product according to Claim 1~~ wherein the foamed coating has a foam weight per litre of 100 g/l to 400 g/l.

25. (Original) A mineral wool product comprising:

a cured mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

wherein said mineral wool product is acoustically transparent.

26. (Original) A mineral wool product comprising:

a mineral wool body having first and second sides;

a glass fibrous web (3) provided on at least one side of said mineral wool body; and

a foamed coating (2) based on a siliceous material and containing at least one organic plastic coated on said glass fibrous web (3);

wherein said glass fibrous web (3) is provided between said coating (2) and said mineral wool body (1);

wherein said mineral wool product yields to pressure and resumes its previous shape upon release of the pressure.